

Java Programming @ Sunbeam Infotech

Java My Project @ SunBeam Infotech

Vehicle Service Station

This is simplified version of the case study implementation.  
Consider this as base and implement case study of your own.  
This implementation should help you to understand requirements better. First read the given documentation of case study.

However most of the validations are not implemented. So be careful while trying it.  
Note that all string inputs are considered without white space.  
Given a dummy customer database as sample and is used in this program.  
GUI application is implemented to demonstrate the requirements clearly. Also it helps to understand which GUI controls to be used in various screens.

Since application is not developed as full version, validations and few small points are pending. Consider them while trying application.

Enjoy Programming!!

OK

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21-01-2025

Accounts

Active Service Req..

sajay-1122

customerName

vehicleNumber

[O]newoil-300

[M]break-500

ServiceDesc

breakwire-500

Total Business: Rs. 0.0

Print Bill

Save All

Finish Request

New Service Re...

New Service

New Part

New Service Request

Customer : sajay

Vehicle : 1122

Submit

New Service

☒ Oil Service ☐ Maintenance

Description: newoil

Oil Cost: 300

Submit

New Spare Part

Description: break-wire

Rate: 500

Submit

New Service

☐ Oil Service ☒ Maintenance

Description: break

Labor Charges: 50

Submit

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21-01-2025 Accounts Active Service Req.. sajay 1122 Parts Changed : 0

Details	Amount
Total Business: Rs. 0.0	

Print Bill Save All Finish Request New Service Re... New Service New Part

Bill : sajay - 1122

Customer : sajay  
Vehicle : 1122  
Date : 21-01-2025

\*\*\*\*\*  
newoli - Rs. 300.0  
break - Rs. 550.0  
Labor Charges : 50.00  
- break-wire - 500.0  
\*\*\*\*\*  
Bill Charges : 850.00  
Tax : 107.10  
Last Balance : 93.77  
Total Bill : 1050.87  
\*\*\*\*\*

Total Bill... 1050.87 Paid Amount : 1050 Bill Paid

Message

Bill Paid.  
Balance Amount : 0.87

OK

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21-01-2025 Accounts Active Service Req..

Details	Amount
sajay - 1122	1050.873999999...

Total Business: Rs. 1050.0

Print Bill Save All Finish Request New Service Re... New Service New Part

Input

Enter Bill Print File Name :

billing.sun

OK Cancel

```
File Edit View
|
| * + * + * + Vehicle Service Station + * + * + *
| Customer : sajay
| Vehicle : 1122
| Date : 22-01-2025
| * + * + * + * + * + * + * + * + * + * + * + * + * + * + * +
| petrol leak - Rs. 1000.00
| Labor Charges : 500.00
| - break - 500.00
| newoil - Rs. 200.00
| * + * + * + * + * + * + * + * + * + * + * + * + * + * + * +
| Bill Charges : 1200.00
| Tax : 151.20
| Last Balance : 0.87
| Total Bill : 1352.07
| * + * + * + * + * + * + * + * + * + * + * + * + * + * + * +
```